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I hereby certify that this correspondence, totaling 13 pages including recited attachments, is being facsimile transmitted to the United States Patent and Trademark Office at facsimile no.: 571-273-8300 (Central number) on the below date:

Date: April 19, 2006Name: Terry WardSignature: Terry Ward

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Jeffrey L. ViolaAppln. No.: 10/816,423Filed: April 1, 2004

For: **DIGITAL SIGNAL CONDITIONING
SOLUTION FOR A MAGNETOMETER
CIRCUIT**

Attorney Docket No: 10541-1930Examiner: Kenneth WhittingtonArt Unit: 2862

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Reply Under 37 CFR 1.111
☐ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
☐ Small Entity.
☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(____).
☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+ \$360=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$_____ is enclosed.
☐ Please charge Deposit Account No. 06-1500 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 06-1500.

Respectfully submitted,

Robert K. Fergan
Robert K. Fergan (Reg. No. 51,674)

April 19, 2006
Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Jeffrey L. Viola	Examiner:	Kenneth Whittington
Application No.:	10/816,423	Art Unit:	2862
Filing Date:	April 1, 2004	Attorney Docket No:	10541-1930
Title:	DIGITAL SIGNAL CONDITIONING SOLUTION FOR A MAGNETOMETER CIRCUIT		

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY UNDER 37 C.F.R. 1.111

In response to the Office Action mailed January 19, 2006, Applicant respectfully submits this paper comprising the following parts:

- | | | |
|------|----------------------------|---------|
| I. | Amendments to the Claims | Page 2 |
| II. | Amendments to the Abstract | Page 9 |
| III. | Remarks | Page 10 |

Applicant notes that the Transmittal to which this paper is attached includes a Certificate of Facsimile under 37 C.F.R §1.8; and a fee statement calculating any fee(s) presently due in connection with the filing of this paper, along with an authorization to charge any fee deficiency to Deposit Account No. 06-1500.